

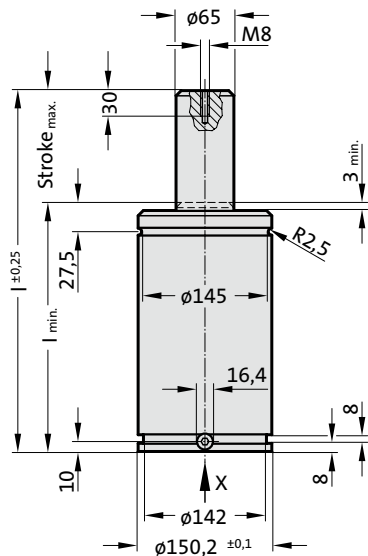
GAS SPRING SPEED CONTROL, CUSHIONED

Note:
Initial spring force at 150 bar = 5000 daN

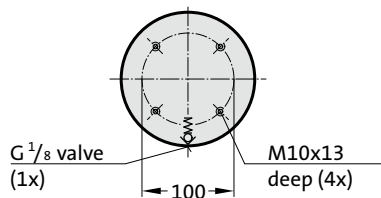
Order No for spare parts kit: 2486.12.05000

Pressure medium: Nitrogen N₂
Max. filling pressure: 150 bar
Min. filling pressure: 25 bar
Working temperature: 0°C to +80°C
Temperature related force increase: ± 0.3%/°C
Max. recommended extensions per minute:
approx. 6 to 11 (at 20°C)
Dampening length: ~ 30 mm
Piston rod speed, decelerated: 0.4 m/s

2486.12.05000.



View X - Gas spring

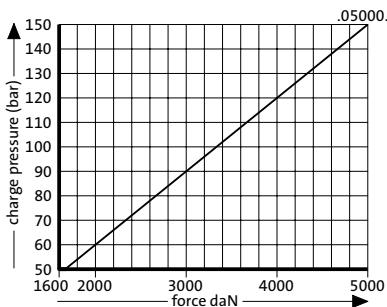


2486.12.05000.

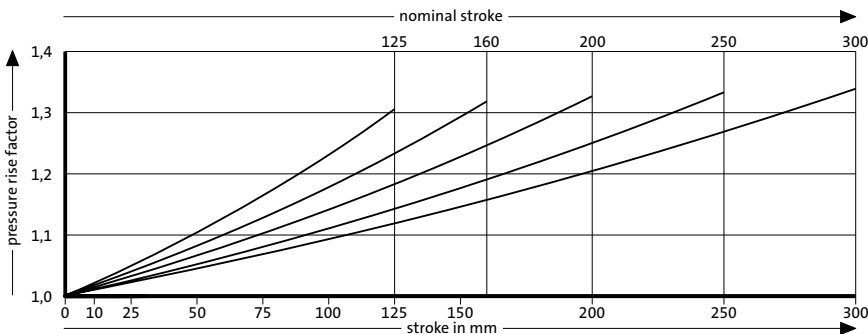
Gas spring **SPEED CONTROL, cushioned**

Order No	Stroke _{max.} (s)	I _{min.}	I
2486.12.05000.125	125	280	405
2486.12.05000.160	160	315	475
2486.12.05000.200	200	355	555
2486.12.05000.250	250	405	655
2486.12.05000.300	300	455	755

Initial spring force
versus charge pressure



Spring force Diagram displacement versus stroke rise



Pressure rise factor accounts for displacement but not external influences!